T	Number	Hits	Search Text	I DB	Imrus Irina
<u> </u>		1	("6652066").PN.	DB	Time stamp
1		1	(0092000 /.EM.	USPAT; US-PGPUB	2004/05/14 15:04
_	-	14	("4313124" "4345262" "4459600"	USPAT	2004/05/13 12:33
			"4463359" "4558333" "4608577"	OSERI	2004/05/15 12:33
			"4723129" "4740796" "4999646"		.]
1			"5384587" "5717448" "6260938"		†
		-	"6375307" "6422683"	*	
			"2002/0021317").PN.		
-	Ē	0		USPAT	2004/05/13 12:38
-		1	("6729710").PN.	USPAT;	2004/05/13 12:42
				US-PGPUB	
-		12		USPAT .	2004/05/13 12:39
			"4463359" "4723129" "4740796"		
			"5373368" "5384587" "5608439"		
_		Ó	"5975678" "6102511" "6164756").PN.	IICDām	2004/05/12 10 11
_		1	("6629743").PN.	USPAT	2004/05/13 12:41
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	USPAT; US-PGPUB	2004/05/13 12:47
_		13	("4313124" "4345262" "4459600"	USPAT	2004/05/13 12:42
1	•		"4463359" "4558333" "4608577"	JOSEAL	2004/03/13 12:42
			"4723129" "4740796" "5225849"		·
			"5717448" "5975673" "5992971"	1	
1			"6290330").PN.		
-	, , ,	0	6629743.URPN.	USPAT	2004/05/13 12:44
-	:	12990		USPAT;	2004/05/13 12:49
ŀ			(sequential adj multi adj scan\$4) or	US-PGPUB,	1.
			"SMS")	EPO; JPO;	1
				DERWENT;	
-		1944	347/14	IBM_TDB	0004/05/10 10 ==
-		1944	347/14	USPAT;	2004/05/13 12:50
				US-PGPUB;	
	Ì			EPO; JPO; DERWENT;	·
				IBM TDB	
-		1822	347/15	USPAT;	2004/05/13 12:50
		-		US-PGPUB;	2001/03/13 12:30
-				EPO; JPO;	1
	i			DERWENT;	1
1				IBM_TDB	
-		927	347/41	USPAT;	2004/05/13 12:51
-		:.		US-PGPUB;	
				EPO; JPO;	
			,	DERWENT;	
_	1	678	347/16	IBM_TDB USPAT;	2004/05/12 12:50
		373		US-PGPUB;	2004/05/13 12:52
	j		•	EPO; JPO;	
1	}			DERWENT;	
	İ		•	IBM TDB	
-		3681	358/1.9	USPAT;	2004/05/13 12:52
1		•		US-PGPUB;	
				EPO; JPO;	
	2		·	DERWENT;	
			247/10	IBM_TDB	
-		2714	347/19	USPAT;	2004/05/13 12:53
				US-PGPUB;	,
	1	İ		EPO; JPO;].
1				DERWENT;	
_		1627	347/20	IBM_TDB USPAT;	2004/05/12 12-52
	1	102,	· · · · · · · · · · · · · · · · · · ·	USPAT; US-PGPUB;	2004/05/13 12:53
-]		EPO; JPO;	,
ļ			•	DERWENT;	
				IBM TDB	<u> </u>
-		1859	347/40	USPAT;	2004/05/13 12:53
	1			US-PGPUB;	
ľ		1		EPO; JPO;	[
1		İ		DERWENT;	
<u></u>				IBM_TDB	
			the state of the s		

	1044	347/44	1 110 53 5	000-70-71-0
	1044	347/44	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 12:54
-	12	347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/05/13 12:57
-	20	347/15 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 12:57
-	15	(347/15 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:03
-	13	347/41 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 13:03
-	8	(347/41 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:03
-	2	((347/41 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))) not (347/15 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:04
-	5	347/16 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:05
_		((347/16 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))) not (347/15 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:04
		(347/16 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 13:04
	5	358/1.9 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 13:16
-		347/19 and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 13:19

	 			•
-	[3 (347/19 and (((sequential adj	USPAT;	2004/05/13 13:17
		multi-scan\$4) or (sequential adj multi adj	US-PGPUB;	,
		scan\$4) or "SMS"))) not (347/14 and	EPO; JPO;	
	ľ	(((sequential adj multi-scan\$4) or	DERWENT;	i
		(sequential adj multi adj scan\$4) or "SMS")))	IBM_TDB	
_	ا ا	5 ((347/19 and (((sequential adj	HCDATT.	2004/05/13 13:17
		multi-scan\$4) or (sequential adj multi adj	USPAT; US-PGPUB;	2004/05/13 13:1/
		scan\$4) or "SMS"))) not (347/14 and	EPO; ĴPO;	
	ł	(((sequential adj multi-scan\$4) or	DERWENT;	
		(sequential adj multi adj scan\$4) or	IBM TDB	
		"SMS")))) not (347/15 and (((sequential		
		adj multi-scan\$4) or (sequential adj multi		1
		adj scan\$4) or "SMS")))		
-	6	\\\\\-	USPAT;	2004/05/13 13:17
1		multi-scan\$4) or (sequential adj multi adj	US-PGPUB;	
	ľ	scan\$4) or "SMS"))) not (347/14 and	EPO; JPO;	1
1 .		(((sequential adj multi-scan\$4) or	DERWENT;	
ŀ		(sequential adj multi adj scan\$4) or	IBM_TDB	ŀ
i		"SMS")))) not (347/15 and (((sequential		
ŀ		adj multi-scan\$4) or (sequential adj multi		
		adj scan\$4) or "SMS")))) not ((347/15 and (((sequential adj multi-scan\$4) or	1	1
		(sequential adj multi-scan\$4) or	1	
		"SMS"))) not (347/14 and (((sequential adj		
	,	multi-scan\$4) or (sequential adj multi adj		1
		scan\$4) or "SMS"))))	1	
-	2	347/20 and (((sequential adj multi-scan\$4)	USPAT;	2004/05/13 13:21
	1	or (sequential adj multi adj scan\$4) or	US-PGPUB;	2001,00,40 13.21
1		"SMS"))	EPO; JPO;	
			DERWENT;	
ŀ	_		IBM_TDB	·
-	8		USPAT;	2004/05/13 13:21
		or (sequential adj multi adj scan\$4) or	US-PGPUB;	
		"SMS"))	EPO; JPO;	
			DERWENT;	. 1
_		(347/40 and (((sequential adj	IBM_TDB	
-	1	multi-scan\$4) or (sequential adj multi adj	USPAT;	2004/05/13 13:21
		scan\$4) or "SMS"))) not (347/14 and	US-PGPUB; EPO; JPO;	
	1	(((sequential adj multi-scan\$4) or	DERWENT;	ļ
		(sequential adj multi adj scan\$4) or	IBM TDB	
		"SMS")))	1 222	
-	2	((347/40 and (((sequential adj	USPAT;	2004/05/13 13:22
	ľ	multi-scan\$4) or (sequential adj multi adj	US-PGPUB;	10,20
		scan\$4) or "SMS"))) not (347/14 and	EPO; JPO;	
	1	(((sequential adj multi-scan\$4) or	DERWENT;	
		(sequential adj multi adj scan\$4) or	IBM_TDB	
		"SMS")))) not (347/15 and (((sequential	ļ	
		adj multi-scan\$4) or (sequential adj multi		
_	1	adj scan\$4) or "SMS")))	Hanza	0004/07/10
1 -		347/44 and (347/14 and (((sequential adj multi-scan\$4) or (sequential adj multi adj	USPAT;	2004/05/13 13:23
	1	multi-scans4) or (sequential adj multi adj scans4) or "SMS")))	US-PGPUB;	
	1	* * * * * * * * * * * * * * * * * * *	EPO; JPO; DERWENT;	
]		IBM TDB	
-	23350	(thin\$4 same (ink\$2 or dot\$2 with	USPAT;	2004/05/13 13:24
		count\$4))	US-PGPUB;	2004/05/13 13:24
1			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	393	347/14 and ((thin\$4 same (ink\$2 or dot\$2).	USPAT;	2004/05/13 13:36
		with count\$4)))	US-PGPUB;	13, 13, 13, 13, 30
	j		EPO; JPO;	
		•	DERWENT;	*
	 	0.17.4.5	IBM_TDB	
_	429	347/15 and ((thin\$4 same (ink\$2 or dot\$2	USPĀT;	2004/05/13 13:42
		with count\$4)))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	٠,
	ļ.,		IBM TDB	

-			306	(347/15 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 13:42
		-		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	1
. -				same (ink\$2 or dot\$2 with count\$4))))	EPO; JPO;	
1					DERWENT;	
		1	236	347/41 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB USPAT;	2004/05/13 13:44
1		'	230	with count\$4)))	US-PGPUB;	2004/05/15 13:44
				, wight odditor 1/1/1	EPO; JPO;	1
					DERWENT;	
ŀ	*				IBM TDB	
		1	177	(347/41 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 13:42
		-		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	
				same (ink\$2 or dot\$2 with count\$4))))	EPO; JPO;	1
					DERWENT;	•
_			87	//247/41 and //+hime4 mans /:::1-00 mm detac	IBM_TDB	0004 (05 (30 40 40
-			0 /	((347/41 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4	USPAT;	2004/05/13 13:43
				same (ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB; EPO; JPO;	
1				(347/15 and ((thin\$4 same (ink\$2 or dot\$2	DERWENT;	· ·
				with count\$4))))	IBM TDB	
÷		1	109	347/16 and ((thin\$4 same (ink\$2 or dot\$2	USPĀT;	2004/05/13 13:47
		1		with count\$4)))	US-PGPUB;	, , , , , , , , , , , , , , , , , , , ,
		1			EPO; JPO;	
1				•	DERWENT;	
1					IBM_TDB	1
-		1	125	358/1.9 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 13:51
			.	with count\$4)))	US-PGPUB;	
					EPO; JPO;	
-					DERWENT;	
<u>-</u>		4	196	347/19 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB USPAT;	2004/05/13 13:57
ľ		•		with count\$4)))	US-PGPUB;	2004/05/13 13.37
		:			EPO; JPO;	
			`		DERWENT;	
					IBM_TDB	
-		2	291	(347/19 and ((thin\$4 same (ink\$2 or dot\$2	USPĀT;	2004/05/13 13:51
	-	į.	İ	with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	
				same (ink\$2 or dot\$2 with count\$4))))	EPO; JPO;	
1					DERWENT;	
_			250	((347/19 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB USPAT:	2004/05/13 13:52
		, -		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	2004/03/13 13:32
				same (ink\$2 or dot\$2 with count\$4))))) not	EPO; JPO;	
<u> </u>				(347/15 and ((thin\$4 same (ink\$2 or dot\$2	DERWENT;	
İ			-	with count\$4))))	IBM TDB	
-	1	2	43	(((347/19 and ((thin\$4 same (ink\$2 or	USPAT;	2004/05/13 13:52
			1	dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
ŀ	. :		1	((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
				count\$4))))) not (347/15 and ((thin\$4 same	DERWENT;	ļ
			ľ	(ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	·
			1	(347/41 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))		
_		5		347/20 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 14:05
		. 5.		with count\$4)))	US-PGPUB;	2004/03/13 14:03
					EPO; JPO;	
					DERWENT;	
					IBM_TDB	
-		5	08	(347/20 and ((thin\$4 same (ink\$2 or dot\$2	USPĀT;	2004/05/13 13:57
				with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	•
			ŀ	same (ink\$2 or dot\$2 with count\$4))))	EPO; JPO;	
			ŀ		DERWENT;	
_		. 15	82	((347/20 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB USPAT;	2004/05/12 12 50
	ĺ	-10		with count\$4)))) not (347/14 and ((thin\$4	USPAT; US-PGPUB;	2004/05/13 13:58
				same (ink\$2 or dot\$2 with count\$4))))) not	EPO; JPO;	. 1
	1			(347/15 and ((thin\$4 same (ink\$2 or dot\$2	DERWENT;	
<u></u> .				with count\$4))))	IBM TDB	
		. ———				

-	475	(((347/20 and ((thin\$4 same (ink\$2 or	USPAT;	2004/05/13 13:58
		dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
	1	((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		count\$4))))) not (347/15 and ((thin\$4 same	DERWENT;	
		(ink\$2 or dot\$2 with count\$4)))) not	IBM_TDB	
:	:	(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
		with count\$4))))	·	0004/05/10 14 10
-	552		USPAT;	2004/05/13 14:12
	ŀ	with count\$4)))	US-PGPUB;	•
			EPO; JPO;	
			DERWENT;	
		(247/40 1 //12/204 2000 //2/200 200 200/2000	IBM_TDB	2004/05/13 14:05
-	471	(347/40 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 14:05
1		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB; EPO; JPO;	
1		same (ink\$2 or dot\$2 with count\$4))))	DERWENT;	•
			IBM TDB	,
	203	1/247/40 and 1/45:n04 come (in)(02: on dot02	USPAT;	2004/05/13 14:06
-	391	((347/40 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	2004/03/13 14:00
		with counts4)))) not (34//14 and ((thins4	EPO; JPO;	
		same (ink\$2 or dot\$2 with count\$4))))) not	DERWENT;	
1	1.	(347/15 and ((thin\$4 same (ink\$2 or dot\$2	IBM TDB	
	250	with count\$4)))) (((347/40 and ((thin\$4 same (ink\$2 or	USPAT;	2004/05/13 14:06
[-	350		USPAT; US-PGPUB;	500-100/ID T#:00
	1	dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		((thin\$4 same (inx\$2 or dot\$2 with count\$4))))) not (347/15 and ((thin\$4 same	DERWENT;	,
	+	(ink\$2 or dot\$2 with count\$4)))) not	IBM TDB	
	1	(347/41 and ((thin\$4 same (ink\$2 or dot\$2	100-100	
		with count\$4))))		
	240	((((347/40 and ((thin\$4 same (ink\$2 or	USPAT;	2004/05/13 14:06
-	348	dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	2004/03/13 14:00
		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		count\$4)))) not (347/15 and ((thin\$4 same	DERWENT;	
		(ink\$2 or dot\$2 with count\$4)))) not	IBM TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	15.1_155	
		with count\$4))))) not (347/16 and ((thin\$4		
		same (ink\$2 or dot\$2 with count\$4))))		·
<u> </u>	357	347/44 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 14:12
	337	with count\$4)))	US-PGPUB;	
		W1011 00 all 94 1777	EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
1_	345	(347/44 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 14:12
		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	
		same (ink\$2 or dot\$2 with count\$4))))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	331	((347/44 and ((thin\$4 same (ink\$2 or dot\$2	USPAT;	2004/05/13 14:12
		with count\$4)))) not (347/14 and ((thin\$4	US-PGPUB;	
		same (ink\$2 or dot\$2 with count\$4)))) not	EPO; JPO;	
		(347/15 and ((thin\$4 same (ink\$2 or dot\$2	DERWENT;	
		with count\$4))))	IBM_TDB	
-	326	(((347/44 and ((thin\$4 same (ink\$2 or	USPAT;	2004/05/13 15:04
		dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		count\$4))))) not (347/15 and ((thin\$4 same	DERWENT;	
		(ink\$2 or dot\$2 with count\$4)))) not	IBM_TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
	.	with count\$4))))		0004/05/10 15 00
-	31391	B41J029/38.ipc.	USPAT;	2004/05/13 15:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/05/10 15 55
-	92	B41J002/305	USPAT;	2004/05/13 15:08
]			US-PGPUB;	
.]			EPO; JPO;	
<u>}</u>			DERWENT;	
			IBM_TDB	<u> </u>

r		2035	P/1 7000 /015	· · · · · · · ·	- r
1	_	2035	B41J002/015	USPAT; US-PGPUB;	2004/05/13 15:09
				EPO; JPO;	
-				DERWENT;	
		1		IBM TDB	1
] -	_	1018	B41J002/145	USPAT;	2004/05/13 15:08
Ť		1		US-PGPUB;	2004/03/13 13.08
				EPO; JPO;	:
				DERWENT;	
				IBM TDB	
-	-	0	G06F15/00	USPAT;	2004/05/13 15:09
			•	US-PGPUB;	
				EPO; JPO;	
1.				DERWENT;	
		1969	00077001 /00 1	IBM_TDB	1
	-	1757	G06K001/00.ipc.	USPAT;	2004/05/13 15:08
				US-PGPUB;	
- 1		,		EPO; JPO;	
				DERWENT;	
-	_	980	B41J002/145.ipc.	IBM_TDB	2004/05/12 15 00
1		300	D410002/145.1pc.	USPAT; US-PGPUB;	2004/05/13 15:08
	. •				1
				EPO; JPO; DERWENT;	
1				IBM TDB	1
-	-	91	B41J002/305.ipc.	USPAT;	2004/05/13 15:08
			P	US-PGPUB;	2004/03/13 13:08
				EPO; JPO;	1
			•	DERWENT;	
- [IBM TDB	
-		31391	B41J029/38.ipc.	USPAT;	2004/05/13 15:09
				US-PGPUB;	
				EPO; JPO;	
				DERWENT;	
		1,000	DA1 T000 /015	IBM_TDB	
-		1992	B41J002/015.ipc.	USPAT;	2004/05/13 15:09
-				US-PGPUB;	
İ				EPO; JPO;	
			·	DERWENT;	
_	. •	, 0	G06F15/00.ipc.	IBM_TDB	2004/05/12 15 10
		O'	G00113/00.ipc.	USPAT; US-PGPUB;	2004/05/13 15:10
				EPO; JPO;	
-				DERWENT;	·
			•	IBM TDB	
-		1754	B41J029/393.ipc.	USPAT;	2004/05/13 15:10
			•	US-PGPUB;	= 331, 33, 13 13.10
				EPO; JPO;	
	Í			DERWENT;	1
1				IBM TDB	
-		3196	B41J002/135.ipc.	USPAT;	2004/05/13 15:10
			•	US-PGPUB;	
1.		4		EPO; JPO;	1
			•	DERWENT;	
		_	0067001/00 1	IBM_TDB	
-	}	2	G06K001/00.ipc. and (((sequential adj	USPAT;	2004/05/13 15:11
1		İ	multi-scan\$4) or (sequential adj multi adj	US-PGPUB;	1
			scan\$4) or "SMS"))	EPO; JPO;	
	.	ł		DERWENT;	
_		7	B41J002/145.ipc. and (((sequential adj	IBM_TDB USPAT;	2004/05/12 15 10
		·	multi-scan\$4) or (sequential adj multi adj	USPAT; US-PGPUB;	2004/05/13 15:12
			scan\$4) or "SMS"))	EPO; JPO;	
	1		, -,	DERWENT;	
		ł		IBM TDB	
-	1	0	B41J002/305.ipc. and (((sequential adj	USPAT;	2004/05/13 15:13
			multi-scan\$4) or (sequential adj multi adj	US-PGPUB;	~~~~, ~~, 10.13
			scan\$4) or "SMS"))	EPO; JPO;	
				DERWENT;	ļ.
L				IBM TDB	ļ

-	9	B41J029/38.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/05/13 15:15
	9	multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (G06K001/00.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:13
_	5	multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))) not (G06K001/00.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS")))) not (B41J002/145.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:13
	0	"SMS"))) B41J002/015.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 15:15
_	2	B41J029/393.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 15:16
-	0	B41J002/135.ipc. and (((sequential adj multi-scan\$4) or (sequential adj multi adj scan\$4) or "SMS"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/13 15:16
-	16	G06K001/00.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/05/13 15:19
	153	B41J002/145.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:32
_	130	(B41J002/145.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:20
_	107	((B41J002/145.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/15 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:20
_	78	(((B41J002/145.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/15 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/41 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:20
_	77	((((B41J002/145.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/15 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/41 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/41 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))) not (347/16 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/13 15:23
		Same (IIIAYZ OI GOCYZ WICH COUNCY4))))		

	T 1	P41 T002/205 inc. and ((thin64 same (ink62	USPAT;	2004/05/13 15:32
-	1	B41J002/305.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))	US-PGPUB;	2004/05/13 15:32
		or docas with connectation	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	337	B41J029/38.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:11
		or dot\$2 with count\$4)))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	•
			IBM_TDB	0004/05/12 15 20
i -	212	(B41J029/38.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 15:32
		or dot\$2 with count\$4)))) not (347/14 and	US-PGPUB; EPO; JPO;	
		((thin\$4 same (ink\$2 or dot\$2 with	DERWENT;	
		count\$4))))	IBM TDB	
· ·	169	((B41J029/38.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 15:33
	103	or dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	2551,55,15 15155
		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	,
		count\$4))))) not (347/15 and ((thin\$4 same	DERWENT;	
		(ink\$2 or dot\$2 with count\$4))))	IBM TDB	
_	157	1	USPĀT;	2004/05/13 15:33
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
1		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	•
	ŀ	same (ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	
	1 .	(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
	146	with count\$4))))	TICDATE.	2004/05/13 15:33
-	146	((((B41J029/38.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not	USPAT; US-PGPUB;	2004/03/13 13:33
		(ink\$2 or dot\$2 with count\$4))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4)))) not	IBM TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
		with count\$4))))) not (347/16 and ((thin\$4		·
		same (ink\$2 or dot\$2 with count\$4))))		
-	145	(((((B41J029/38.ipc. and ((thin\$4 same	USPAT;	2004/05/13 15:33
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	<u>'</u>
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
,		same (ink\$2 or dot\$2 with count\$4))))) not (347/41 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB	ļ
	1	with count\$4))))) not (347/16 and ((thin\$4		
		same (ink\$2 or dot\$2 with count\$4))))) not		
		(358/1.9 and ((thin\$4 same (ink\$2 or dot\$2		
		with count\$4))))		
_	135	1	USPAT;	2004/05/13 15:34
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
1	1	same (ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
		with count\$4)))) not (347/16 and ((thin\$4		
		same (ink\$2 or dot\$2 with count\$4))))) not (358/1.9 and ((thin\$4 same (ink\$2 or dot\$2		
1 .		with count\$4)))) not (347/19 and ((thin\$4		
,		same (ink\$2 or dot\$2 with count\$4))))		
-	167	B41J002/015.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:28
		or dot\$2 with count\$4)))	US-PGPUB;	
		,	EPO; JPO;	
ŀ			DERWENT;	
]		IBM_TDB	
-	165	(B41J002/015.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:12
	1	or dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	· ·
		count\$4))))	DERWENT;	
	1 3.61	//P41 T002/01E inc. and //thick	IBM_TDB	2004/05/13 16:12
-	161	((B41J002/015.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not	USPAT; US-PGPUB;	2004/05/13 16:12
	1	(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	j*
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))	IBM TDB	
	1	the second and the second seco		

-	159	The state of the	USPAT;	2004/05/13 16:12
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))) not (347/15 and ((thin\$4	EPO; JPO; DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not	IBM TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	1 1011_100	
	ļ	with count\$4))))		ı
-	159	((((B41J002/015.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:12
ĺ		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
į,		same (ink\$2 or dot\$2 with count\$4)))) not	IBM_TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
		with count\$4))))) not (347/16 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))		
<u> </u>	159	((((B41J002/015.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:13
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	2004/05/15 10.15
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	_	
	1.	with count\$4))))) not (358/1.9 and		
		((thin\$4 same (ink\$2 or dot\$2 with		
	159	count\$4))))	110000	0004/05/10 16 10
-	159	((((B41J002/015.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not	USPAT; US-PGPUB;	2004/05/13 16:13
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	/
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4)))) not	IBM TDB	ľ
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	_	
		with count\$4))))) not (347/19 and ((thin\$4		
		same (ink\$2 or dot\$2 with count\$4))))		
-	129	B41J029/393.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:37
		or dot\$2 with count\$4)))	US-PGPUB;	4
		:	EPO; JPO; DERWENT;	
			IBM TDB	
_	80	(B41J029/393.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:28
		or dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
ľ		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		count\$4))))	DERWENT;	,
]]	//D/1 7000 /202 255	IBM_TDB	0004/05/15 15
-	74	((B41J029/393.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:28
] 1	(ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2	US-PGPUB; EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))	IBM TDB	
-	73	(((B41J029/393.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:28
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	
1		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
]	68	with count\$4)))) ((((B41J029/393.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:29
	' "	(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	2004/03/13 10:29
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4)	DERWENT;	
		<pre>same (ink\$2 or dot\$2 with count\$4)))) not</pre>	IBM_TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	-	
		with count\$4))))) not (B41J029/38.ipc. and		
] ·	((thin\$4 same (ink\$2 or dot\$2 with		
<u> </u>	L	count\$4))))		

-	68	I I I I I I I I I I I I I I I I I I I	USPAT;	2004/05/13 16:29
		(ink\$2 or dot\$2 with count\$4)))) not (347/14 and ((thin\$4 same (ink\$2 or dot\$2	US-PGPUB;	
		with count\$4))))) not (347/15 and ((thin\$4	EPO; JPO; DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not	IBM TDB	
ľ		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	-	
-		with count\$4))))) not (B41J029/38.ipc. and		
		((thin\$4 same (ink\$2 or dot\$2 with		
		count\$4))))) not (B41J002/015.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with		
	ŀ	(\(\text{count\$4}\)))		
-	265	B41J002/135.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:37
1		or dot\$2 with count\$4)))	US-PGPUB;	
ļ.			EPO; JPO;	
			DERWENT; IBM TDB	
-	264	(B41J002/135.ipc. and ((thin\$4 same (ink\$2	USPAT;	2004/05/13 16:38
		or dot\$2 with count\$4)))) not (347/14 and	US-PGPUB;	
		((thin\$4 same (ink\$2 or dot\$2 with	EPO; JPO;	
		count\$4))))	DERWENT;	
1-	259	((B41J002/135.ipc. and ((thin\$4 same	IBM_TDB USPAT;	2004/05/13 16:38
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	2004/05/15 16:38
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
_	264	same (ink\$2 or dot\$2 with count\$4)))) ((B41J002/135.ipc. and ((thin\$4 same	IBM_TDB	0004/05/10 10 00
	204	(ink\$2 or dot\$2 with count\$4)))) not	USPAT; US-PGPUB;	2004/05/13 16:38
-		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/41 and ((thin\$4	DERWENT;	
	050	same (ink\$2 or dot\$2 with count\$4))))	IBM_TDB	
-	259	(((B41J002/135.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not	USPAT;	2004/05/13 16:38
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	US-PGPUB; EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not	IBM_TDB	
1.		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	_	
1_	259	with count\$4)))) ((((B41J002/135.ipc. and ((thin\$4 same	USPAT;	2004/05/12 16-20
-		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	2004/05/13 16:39
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
	1 :	with count\$4)))) not (347/15 and ((thin\$4	DERWENT;	
		same (ink\$2 or dot\$2 with count\$4))))) not (347/41 and ((thin\$4 same (ink\$2 or dot\$2	IBM_TDB	
	,	with count\$4))))) not (347/16 and ((thin\$4		
		<pre>same (ink\$2 or dot\$2 with count\$4))))</pre>		
-	257	((((B41J002/135.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:39
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not (347/15 and ((thin\$4	EPO; JPO;	•
		same (ink\$2 or dot\$2 with count\$4))))) not	DERWENT; IBM TDB	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2		
	1	with count\$4))))) not (347/16 and ((thin\$4	ł	
	.j]	same (ink\$2 or dot\$2 with count\$4))))) not		
1		(B41J029/38.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))		
-	210	((((((B41J002/135.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:39
ĺ	[]	(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
]	with count\$4))))) not (347/15 and ((thin\$4 same (ink\$2 or dot\$2 with count\$4))))) not	DERWENT;	
		(347/41 and ((thin\$4 same (ink\$2 or dot\$2)	IBM_TDB	
,		with count\$4))))) not (347/16 and ((thin\$4	1	
	[same (ink\$2 or dot\$2 with count\$4))))) not		in the state of th
·	[(B41J029/38.ipc. and ((thin\$4 same (ink\$2 or dot\$2 with count\$4)))) not		
		OF dot\$2 with count\$4)))) not (B41J002/015.ipc. and ((thin\$4 same (ink\$2)		
		or dot\$2 with count\$4))))		
		The state of the s		

-	210	((((((B41J002/135.ipc. and ((thin\$4 same	USPAT;	2004/05/13 16:40
		(ink\$2 or dot\$2 with count\$4)))) not	US-PGPUB;	
		(347/14 and ((thin\$4 same (ink\$2 or dot\$2	EPO; JPO;	
		with count\$4))))) not (347/15 and ((thin\$4	DERWENT;	
1		same (ink\$2 or dot\$2 with count\$4))))) not	IBM TDB	
1		(347/41 and ((thin\$4 same (ink\$2 or dot\$2	_	
		with count\$4))))) not (347/16 and ((thin\$4		
		<pre>same (ink\$2 or dot\$2 with count\$4)))) not</pre>		
		(B41J029/38.ipc. and ((thin\$4 same (ink\$2		*
		or dot\$2 with count\$4)))) not		
		(B41J002/015.ipc. and ((thin\$4 same (ink\$2		
		or dot\$2 with count\$4)))) not		-
:		(B41J029/393.ipc. and ((thin\$4 same (ink\$2	*	
		or dot\$2 with count\$4))))		
_	1	("6511143").PN.	USPAT;	2004/05/14 15:04
-			US-PGPUB	